

Claims

1. A surface covering comprising a substrate and a top coating characterised in that the top coating comprises particles with a conductive coating having a mean size between 0.1 and 50 μm .
- 5 2. The surface covering according to claim 1, wherein the particles are substantially spherical.
3. The surface covering according to claim 1 or 2, wherein the particles comprise a coating of silver, aluminum, copper, nickel, gold or an alloy thereof with another metals.
- 10 4. The surface covering according to any of the preceding claims, wherein the particles have a dry bulk resistivity of between 0.0001 and 0.01 Ohms/cm.
5. The surface covering according to any of the preceding claims, wherein the top coating comprises between 0.01 and 10% w/w of particles based on the weight of the top coating.
- 15 6. The surface covering according to any of the preceding claims, wherein the top coating comprises a PU-dispersion, a PU-solution, a 2-components PU, a PU acrylate, an epoxy acrylate, a polyester acrylate, a polyether acrylate, a silicone acrylate or a mixture thereof
- 20 7. The surface covering of claim 5, wherein the coating comprises an urethane derived polymer preferably polyurethane.
8. The surface covering of claim 5, wherein the coating comprises a water based UV-curable PU-acrylate dispersion with a dry content of between 5 % and 80% w/w , preferably between 20 and 60 % w/w.

9. The surface covering according to any of the preceding claims, wherein the top coating has a thickness of between 0,5 μm to 100 μm
10. The surface covering according to any of the preceding claims, wherein the substrate is a conductive and antistatic flooring.
- 5 11. The surface covering according to any of the preceding claims, wherein the substrate is a PVC, polyolefin or rubber based flooring with vertical conductive channels.